3117/USA/SILICON/MBE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Group Art Unit: Unknown

Lill, et al.

Examiner: Unknown

Serial No.: N/A

Filed: Herewith

For:

IMPROVED SUBSTRATE

MONITORING METHOD AND

APPARATUS

December 22, 1999

Santa Clara, California

INFORMATION DISCLOSURE STATEMENT

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir/Madam:

Attached hereto is a PTO-1449 form listing documents believed relevant to the subject application. It is respectfully requested that these documents be considered by the Examiner and an initialed copy of the PTO-1449 form be returned to the undersigned.

It should be noted that the word "prior" has been deleted from the form.

It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98, and the Manual of Patent Examining Procedures § 707.05(b). If for some reason the Examiner considers otherwise, it is

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respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each document is enclosed.

Some of the documents may have markings thereon. No significance is meant to be attached to the markings.

With regard to any translations which may be provided herewith, the undersigned does not know how and who made the translations. Therefore, no representation is being made as to the accuracy of any translation.

These documents are not necessarily analogous.

Respectfully submitted,

APPLIED MATERIALS, INC.

Date:

By:

Robert W. Mulcahy

Reg. No. 25,436

Patent Counsel APPLIED MATERIALS, INC. P.O. Box 450A Santa Clara, California 95052 (415) 538-1555

Encl.